

•	0	((US-6169619-\$ or US-6181454-\$ or US-6151150-\$ or US-6115163-\$ or US-6038049-\$ or US-6018407-\$ or US-5952887-\$ or US-5923219-\$	USPAT; US-PGPUB	2002/09/30 18:38
		or US-5892609-\$ or US-5875049-\$ or US-5822104-\$ or US-5801867-\$	OSTOROD	
		or US-5612810-\$ or US-5307196-\$ or US-5475342-\$ or US-5091920-\$		
		or US-4975657-\$ or US-5025251-\$ or US-4375037-\$ or US-6051997-\$		
	1	or US-6055279-\$ or US-5841751-\$ or US-6044095-\$ or		
		US-5319191-\$).did.) and master		
-	24		USPAT	2003/04/04 17:58
		US-6055279-\$ or US-6115163-\$ or US-6018407-\$ or US-6038049-\$ or		
		US-5952887-\$ or US-5923219-\$ or US-5892609-\$ or US-5875049-\$ or		
		US-5822104-\$ or US-5801867-\$ or US-5612810-\$ or US-5307196-\$ or US-5475342-\$ or US-6051997-\$ or US-5841751-\$ or US-5091920-\$ or		
		US-4375037-\$ or US-4975657-\$ or US-5025251-\$ or		
		US-6044095-\$).did.		
	15		USPAT;	2003/04/09 13:41
		or US-6055279-\$ or US-6115163-\$ or US-6018407-\$ or US-6038049-\$	US-PGPUB	
		or US-5952887-\$ or US-5923219-\$ or US-5892609-\$ or US-5875049-\$		
		or US-5822104-\$ or US-5801867-\$ or US-5612810-\$ or US-5307196-\$		
		or US-5475342-\$ or US-6051997-\$ or US-5841751-\$ or US-5091920-\$		
		or US-4375037-\$ or US-4975657-\$ or US-5025251-\$ or		
	,	US-6044095-\$).did.) and differential adj amplifier	TIOD AT	2002/04/05 12 12
-	1	"20030007211"	USPAT; US-PGPUB	2003/04/09 13:42
_	1	"20030007212"	US-PGPUB USPAT;	2003/04/09 16:10
	1		US-PGPUB	2003/04/03 10.10
•	1	"20030007724"	USPAT;	2003/04/09 16:10
			US-PGPUB	
-	1	"20030007508"	USPAT;	2003/04/09 16:10
			US-PGPUB	
-	3575	burst\$4 adj4 detect\$4	USPAT;	2004/06/15 15:11
_	66	(burst\$4 adj4 detect\$4) and 398/\$.ccls.	US-PGPUB	2004/06/15 15 11
-	00	(burstage adje detectage) and 398/5.ccis.	USPAT; US-PGPUB	2004/06/15 15:11
-	8032	burst\$4 adj4 (detect\$4 rece\$8)	USPAT;	2004/06/15 15:15
			US-PGPUB	2004/00/15 15.15
-	174	(burst\$4 adj4 (detect\$4 rece\$8)) and 398/\$.ccls.	USPAT;	2004/06/15 15:15
			US-PGPUB	
-	26	((burst\$4 adj4 (detect\$4 rece\$8)) and 398/\$.ccls.) and bottom and (peak	USPAT;	2004/06/15 18:20
	21	top) and (threshold reference)	US-PGPUB	
-	21	((burst\$4 adj4 (detect\$4 rece\$8)) and 398/\$.ccls.) and 398/202.ccls.	USPAT; US-PGPUB	2004/06/15 15:46
-	13	((((burst\$4 adj4 (detect\$4 rece\$8)) and 398/\$.ccls.) and 398/202.ccls.) not	US-PGPUB USPAT;	2004/06/15 15:48
	1	(((burst\$4 adj4 (detect\$4 rece\$8)) and 398/\$.ccls.) and bottom and (peak	US-PGPUB	2004/00/13 13.46
	1	top) and (threshold reference))	0070100	
-	36	398/202.ccls. and burst	USPAT;	2004/06/15 16:02
			US-PGPUB	
•	374	398/202.ccls.	USPAT;	2004/06/15 16:03
	0776	(/h-m	US-PGPUB	
-	9776	((bottom trough) same (peak top) same (threshold reference)) and (burst	USPAT;	2004/06/15 17:07
-	19	pulse) (((bottom trough) with (peak top) with (threshold reference)) and (burst	US-PGPUB	2004/06/15 17 22
		pulse)) and 398/\$.ccls.	USPAT; US-PGPUB	2004/06/15 17:38
-	8	6151150.URPN.	USPAT	2004/06/15 17:13
-	6	("5612810" "5777507" "5892609" "5923219" "6018407"	USPAT	2004/06/15 17:15
	1	"6151150").PN.		
-	2	("5475342" "5612810").PN.	USPAT	2004/06/15 17:16
-	1	"5475342".PN.	USPAT	2004/06/15 17:23
-	11	5475342.URPN.	USPAT	2004/06/15 17:23
•	13	("2999925" "3838448" "3947769" "4375037" "4456889" "4540897" "4631737" "4641324" "4736301" "4075657" "5025251"	USPAT	2004/06/15 17:29
		"4540897" "4631737" "4641324" "4736391" "4975657" [*] "5025251" "5091920" "5307196").PN.		
-	14	5091920.URPN.	USPAT	2004/06/15 17:30
-	2	("5091920" "5955921").PN.	USPAT	2004/06/15 17:31
-	530	250/210.ccls.	USPAT;	2004/06/15 17:42
	<u> </u>		US-PGPUB	

2 250/210.ccls. and burst USPAT; USPGPUB USPAT; USPGPUB USPAT; USPAT; USPGPUB USPAT; USPGPUB USPAT; USPGPUB USPAT; USPGPUB USPAT; USPGPUB USPAT; USPGPUB USPAT; USPAT 2004/06/15 17:55					
- 13 4479266.URPN. 250%.ccls. and burst 250%.ccls. and burst) and (threshold\$4 reference) 2504/06/15 17:51 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 2004/06/15 17:52 20	-	2	250/210.ccls. and burst	USPAT;	2004/06/15 17:51
- 1464 250/\$.ccls. and burst USPAT; US-PGPUB US-PG				US-PGPUB	
- 1285 (250/\$.ccls. and burst) and (threshold\$4 reference) US-PGPUB USPAT; US-PGPUB US-	-	13	4479266.URPN.	USPAT	2004/06/15 17:47
- 1285 (250/\$.ccls. and burst) and (threshold\$4 reference) USPAT; US-PGPUB USPAT USPAT USPAT USPAT USPAT 2004/06/15 17:55 612810.URPN 2326 ("5214319" "5498993" "5612810" "5892609" "5955918" USPAT USPAT; US-PGPUB USPAT; US-PGP	-	1464	250/\$.ccls. and burst	USPAT;	2004/06/15 17:51
- 561 ((250/\$.ccls. and burst) and (threshold\$4 reference)) and peak\$ USPAT; US-PGPUB USPAT; U				US-PGPUB	
- 561 ((250/\$.ccls. and burst) and (threshold\$4 reference)) and peak\$ - 561 ((250/\$.ccls. and burst) and (threshold\$4 reference)) and peak\$4 - 202 (((250/\$.ccls. and burst) and (threshold\$4 reference)) and peak\$4) and (bottom trough valley) - 16 (5612810.URPN. - 16 ("5214319" "5498993" "5612810" "5892609" "5955918" USPAT; US-PGPUB USPAT 2004/06/15 17:57 - 2326 ("5214319" "5498993" "5612810" "5892609" "5955918" USPAT; US-PGPUB USPAT;	-	1285	(250/\$.ccls. and burst) and (threshold\$4 reference)	USPAT;	2004/06/15 17:52
- 561 ((250/\$.ccls. and burst) and (threshold\$4 reference)) and peak\$4 USPAT; US-PGPUB USPAT; USPAT USPAT USPAT; USPGPUB USPAT; USPAT; USPGPUB USPAT; USPAT; USPGPUB USPAT; USPAT; USPAT; USPGPUB USPAT; USPGPUB USPAT; USPGPUB USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPAT; USPGPUB USPAT; USPA				US-PGPUB	
- 561 ((250/\$.ccls. and burst) and (threshold\$4 reference)) and peak\$4 USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB USPAT USPAT; US-PGPUB USPAT USPAT; US-PGPUB USPAT; US-P	-	561	((250/\$.ccls. and burst) and (threshold\$4 reference)) and peak\$	USPAT;	2004/06/15 17:52
- 202 (((250/\$.ccls. and burst) and (threshold\$4 reference)) and peak\$4) and (bottom trough valley) - 16 5612810.URPN. USPAT; USPGPUB USPAT; 2004/06/15 17:59 - 6 ("5214319" "5498993" "5612810" "5892609" "5955918" USPAT 2004/06/15 17:57 - 6018407").PN. USPAT 2004/06/15 18:03 - 2326 (presence absence) with burst USPAT; US-PGPUB USPAT; 2004/06/15 18:22				US-PGPUB	
- 202 (((250/\$.ccls. and burst) and (threshold\$4 reference)) and peak\$4) and (bottom trough valley) - 16 5612810.URPN 2326 ("5214319" "5498993" "5612810" "5892609" "5955918" USPAT 2004/06/15 17:56 2004/06/15 17:57 2004/06/15 17:57 2004/06/15 17:57 2004/06/15 17:57 2004/06/15 17:57 2004/06/15 17:57 2004/06/15 17:57 2004/06/15 17:57 2004/06/15 17:57 2004/06/15 17:57 2004/06/15 17:57 2004/06/15 17:57 2004/06/15 17:57 2004/06/15 17:57 2004/06/15 17:57 2004/06/15 17:57 2004/06/15 17:57 2004/06/15 17:59 2004/06/15 17:59 2004/06/15 17:59 2004/06/15 17:59 2004/06/15 17:59 2004/06/15 17:59 2004/06/15 17:59 2004/06/15 17:59 2004/06/15 17:59 2004/06/15 17:59 2004/06/15 17:59 2004/06/15 17:59 2004/06/15 17:59 2004/06/15 17:59 2004/06/15 17:59 2004/06/15 17:59 2004/06/15 18:03 20-204/06/15 18:03 20-204/06/15 18:03 20-204/06/15 18:03 20-204/06/15 18:03 20-204/06/15 18:03 20-204/06/15 18:03 20-204/06/15 18:03 20-204/06/15 18:03 20-204/06/15 18:03 20-204/06/15 18:03 20-204/06/15 18:03 20-204/06/15 18:03 20-204/06/15 18:03 20-204/06/15 18:03 20-204/06/15 18:03 20-204/06/15 18:03 20-204/06/15 18:03 20-204/06/15 18:03 20-204/06/15 18:03 20-204/06/15 18:03 20-204/06/15 18:03 20-204/06/15 18:03 20-204/06/15 18:03 20-204/06/15 18:03 20-204/06/15 18:03 20-204/06/15 18:03 20-204/06/15 18:03 20-204/06/15 18:03 20-204/06/15 18:03 20-204/06/15 18:03 20-204/06/15 18:03 20-204/06/15 18:03 20-204/06/15 18:03 20-204/06/15 18:03 20-204/06/15 18:03 20-204/06/15 18:03 20-204/06/15 18:03 20-204/06/15 18:03 20-204/06/15 18:03 20-204/06/15 18:03 20-204/06/15 18:03 20-204/06/15 18:03 20-204/06/15 18:03 20-204/06/15 18:03 20-204/06/15 18:03 20-204/06/15 18:03 20-204/06/15 18:03 20-204/06/15 18:03 20-204/06/15 18:03 20-204/06/15 18:03 20-204/06/15 18:22 20-204/06/15 18:22 20-204/06/15 18:22 20-204/06/15 18:22 20-204/06/15 18:22 20-204/06/15 18:22 20-204/06/15 18:22 20-204/06/15 18:22 20-204/06/15 18:22 20-204/06/15 18:22 20-204/06/15 18:22 20-204/06/15 18:22 20-204/06/15 18:22 20-204/06/15 18:22 20-204/06/15 18:22 20-204/06/15 18:22 20-2	-	561	((250/\$.ccls. and burst) and (threshold\$4 reference)) and peak\$4	USPAT;	2004/06/15 17:52
Control trough valley Cont	İ			US-PGPUB	
Control of the cont	-	202	(((250/\$.ccls. and burst) and (threshold\$4 reference)) and peak\$4) and	USPAT;	2004/06/15 17:59
- 6 ("5214319" "5498993" "5612810" "5892609" "5955918" USPAT 2004/06/15 17:57 - 2326 (presence absence) with burst USPAT; US-PGPUB US-PGPUB USPAT; US-PGPUB US-PGPUB US-PGPUB US-P	i		(bottom trough valley)	US-PGPUB	
- 6 ("5214319" "5498993" "5612810" "5892609" "5955918" USPAT 2004/06/15 17:57 - 2326 (presence absence) with burst USPAT; US-PGPUB USPAT; US	-	16	5612810.URPN.	USPAT	2004/06/15 17:56
- 2326 (presence absence) with burst USPAT; US-PGPUB US-PGPUB USPAT; US-PGPUB US-PGPUB US-PGPUB US-PGPUB US-PG	-	6	("5214319" "5498993" "5612810" "5892609" "5955918"	USPAT	
- 0 (presence absence) adj 3 burst					
- 0 (presence absence) adj 3 burst	-	2326	(presence absence) with burst	USPAT:	2004/06/15 18:03
US-PGPUB USPAT; US-PGPUB		•			
- 817 (presence absence) adj3 burst US-PGPUB USPAT; US-PGPUB US-PGPUB USPAT; US-PGPUB US-PGPUB US-PGPUB US-PGP	-	0	(presence absence) adj 3burst	USPAT:	2004/06/15 18:00
- 14 ((presence absence) adj3 burst) and 398/\$.ccls. - 39 ((presence absence) with burst) and (398/\$.ccls. 359/\$.ccls.) - 25 (((presence absence) with burst) and (398/\$.ccls. 359/\$.ccls.)) not					
- 14 ((presence absence) adj3 burst) and 398/\$.ccls. US-PGPUB USPAT; US-PGPUB US-PGPUB USPAT; US-PGPUB US-PGPU	-	817	(presence absence) adj3 burst	USPAT:	2004/06/15 18:00
- 39 ((presence absence) with burst) and (398/\$.ccls. 359/\$.ccls.) - 25 (((presence absence) with burst) and (398/\$.ccls. 359/\$.ccls.)) not (((presence absence) adj3 burst) and 398/\$.ccls.) - 374 398/202.ccls. - 398/202.ccls. and (burst\$6 pulse\$6) - 93556 (valley bottom) and (peak top) and (threshold reference) and (burst pulse) - 320 ((bottom trough) with (peak top) with (threshold reference)) same (burst USPAT; USPGPUB					
- 39 ((presence absence) with burst) and (398/\$.ccls. 359/\$.ccls.) - 25 (((presence absence) with burst) and (398/\$.ccls. 359/\$.ccls.)) not (((presence absence) adj3 burst) and 398/\$.ccls.) - 374 398/202.ccls. - 398/202.ccls. and (burst\$6 pulse\$6) - 93556 (valley bottom) and (peak top) and (threshold reference) and (burst pulse) - 320 ((bottom trough) with (peak top) with (threshold reference)) same (burst USPAT; USPGPUB	-	14	((presence absence) adj3 burst) and 398/\$.ccls.	USPAT:	2004/06/15 18:01
- 25 (((presence absence) with burst) and (398/\$.ccls. 359/\$.ccls.)) not (((presence absence) adj3 burst) and 398/\$.ccls.) - 374 398/202.ccls. - 195 398/202.ccls. and (burst\$6 pulse\$6) - 93556 (valley bottom) and (peak top) and (threshold reference) and (burst pulse) - 320 ((bottom trough) with (peak top) with (threshold reference)) same (burst pulse) US-PGPUB USPAT; US-PGPUB				,	
- 25 (((presence absence) with burst) and (398/\$.ccls. 359/\$.ccls.)) not (((presence absence) adj3 burst) and 398/\$.ccls.) - 374 398/202.ccls. - 195 398/202.ccls. and (burst\$6 pulse\$6) - 93556 (valley bottom) and (peak top) and (threshold reference) and (burst pulse) - 320 ((bottom trough) with (peak top) with (threshold reference)) same (burst pulse) US-PGPUB USPAT; US-PGPUB	-	39	((presence absence) with burst) and (398/\$.ccls. 359/\$.ccls.)	USPAT:	2004/06/15 18:07
- 25 (((presence absence) with burst) and (398/\$.ccls. 359/\$.ccls.)) not (((presence absence) adj3 burst) and 398/\$.ccls.) - 374 398/202.ccls. 195 398/202.ccls. and (burst\$6 pulse\$6) - 93556 (valley bottom) and (peak top) and (threshold reference) and (burst pulse) - 320 ((bottom trough) with (peak top) with (threshold reference)) same (burst pulse) USPAT; US-PGPUB USPAT; US			, , , , , , , , , , , , , , , , , , , ,	,	
- 374 (((presence absence) adj3 burst) and 398/\$.ccls.) - 374 398/202.ccls. - 195 398/202.ccls. and (burst\$6 pulse\$6) - 93556 (valley bottom) and (peak top) and (threshold reference) and (burst pulse) - 320 ((bottom trough) with (peak top) with (threshold reference)) same (burst pulse) US-PGPUB USPAT; US-PGPUB	-	25	(((presence absence) with burst) and (398/\$.ccls, 359/\$.ccls,)) not		2004/06/15 18:07
- 374 398/202.ccls. 2004/06/15 18:08 - 195 398/202.ccls. and (burst\$6 pulse\$6) USPAT; US-PGPUB		ĺ		,	
- 195 398/202.ccls. and (burst\$6 pulse\$6) US-PGPUB USPAT; US-P	-	374			2004/06/15 18:08
- 195 398/202.ccls. and (burst\$6 pulse\$6) USPAT; US-PGPUB US-PGPUB USPAT; US-PGPUB US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB US-				,	
- 93556 (valley bottom) and (peak top) and (threshold reference) and (burst pulse) US-PGPUB USPAT; US-PGPUB US-PGPUB USPAT; US-PGPUB US-PGPUB USPAT; US-PGPUB US-	-	195	398/202.ccls. and (burst\$6 pulse\$6)		2004/06/15 18:08
- 93556 (valley bottom) and (peak top) and (threshold reference) and (burst pulse) USPAT; US-PGPUB - 320 ((bottom trough) with (peak top) with (threshold reference)) same (burst USPAT; 2004/06/15 18:22			,		200 1100/15 10:00
- 320 ((bottom trough) with (peak top) with (threshold reference)) same (burst US-PGPUB USPAT; 2004/06/15 18:22	-	93556	(valley bottom) and (peak top) and (threshold reference) and (burst nulse)		2004/06/15 18:21
- 320 ((bottom trough) with (peak top) with (threshold reference)) same (burst USPAT; 2004/06/15 18:22			, , , , , , , , , , , , , , , , , , ,	,	200 1100/15 10.21
	-	320	((bottom trough) with (peak top) with (threshold reference)) same (burst		2004/06/15 18:22
			pulse)	US-PGPUB	2004/00/15 10.22